Starlink Mini Solar Power Kit

The Specto Technology Starlink Kit is a plug-and-play solution designed for seamless integration with your automation gateways. Equipped with a battery backup and solar array, this kit delivers long-term solar-powered internet connectivity in remote locations where cellular service is unavailable. The Specto Technology Starlink Kit is your go-to solution for ensuring uninterrupted connectivity in the most remote environments. It is ideal for any location where reliable internet is crucial.

FEATURES

- Built in Mini antenna and Router
- High capacity/quality MPPT charge controller
- Heavy duty aluminum enclosure
- On-site lithium battery
- Compatible with devices that require 12V or 24V power output
- Pad-lockable latch
- Ground or Pole Mount kit for the solar panels
- Solar Controller (Bluetooth enabled)

- 10-20ft Extension Cable for Solar Panel
- Ethernet
- Circuit breakers & cables
- Aluminum Battery Enclosure
- Includes Cables, Assembled & tested to ensure hassle-free installation (customer to provide mounting hardware for solar panel bracket and enclosure – e.g. U-bolts)

BENEFITS

- Built-In Wi-Fi Router
- Compact and Portable
- Quick setup time
- 24/7 internet connectivity via the Starlink network
- Compatible with most data acquisition systems

- Ideal for long-term, outdoor monitoring projects
- Bluetooth app allows detailed system monitoring of charge controller
- Quick setup time
- Customizable Battery Options
- Weather resistant material

TECHNICAL SPECIFICATIONS

STARLINK

Dimensions:	16.92" x 13.14" x 3.11"
Weight:	6.73lbs
Power Consumption Average:	25-40W
Input Rating:	12-48V 60W
Wi-Fi range:	Up to 1,200 ft
Operating temperature:	-30°C to 50°C (-22 to 122°F)
Security:	WPA2

SOLAR KIT

Enclosure Material:	Aluminum
System Weight:	24-49lbs (without battery), 54-142lbs (enclosure & 1-3 x LiFePO4 batteries)
Charge Controller:	MPPT 20Amp, 12V, Bluetooth enabled
Power Output:	Regulated 12.8V, 60W
Circuit Breakers:	20-30Amp, 100V
Per Solar Panel:	150W, 12V, Monocrystalline
Panel Mount:	Fits 1-3" pole or vertical surface (Customers are responsible for providing the necessary mounting hardware when using a Non-Specto mounting location.)
Battery Capacity:	Recommended 1-3 x 100Ah, 12V LiFePO4
Cable:	20ft Extension Cable for Solar Panels

COMPATIBLE DEVICES

- Thread X3
- Aeroqual (AQS, Ranger, Dust Sentry)
- Loadsensing Gateway
- AMTS – Deltalink & Trimble
- Instantel